

Heller Ehrman White & McAuliffe LLP
Attorney Docket No.

U.S. Serial No. 10/658,752
Corinna Lohning

In the Claims:

Claims 1-16. (Cancelled)

17. (Previously Presented) A nucleic acid sequence encoding a modified variant of a wild type coat protein of a bacteriophage, wherein said modified variant consists of:

(a) one or more parts of said wild type coat protein of a bacteriophage, wherein one of said parts comprises at least that part which causes or allows the incorporation of said coat protein into the phage coat; and

(b) between one and six additional amino acid residues not present at the corresponding amino acid positions in a wild type coat protein of a bacteriophage, wherein one of said additional amino acid residues is a cysteine residue.

18. (Currently amended) A nucleic acid sequence according to claim 17, wherein said nucleic acid sequence further encodes further comprising:

(c) one or more peptide sequences for purification and/or detection purposes, wherein said one or more peptide sequences are fused to said modified variant of a wild type coat protein.

19. (Previously presented) A vector comprising the nucleic acid sequence of claim 17.

20. (Previously presented) The vector of claim 19, further comprising one or more nucleic acid sequences encoding a (poly)peptide/protein comprising a second cysteine residue.

21. (Previously presented) The vector of claim 20, wherein said (poly)peptide/protein comprises an immunoglobulin or a functional fragment thereof.

22. (Previously presented) A host cell comprising the nucleic acid sequence of claim 17.

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23. (Previously presented) A modified variant of a wild type coat protein of a bacteriophage encoded by a nucleic acid sequence, wherein said modified variant consists of: one or more parts of said wild type coat protein of a bacteriophage, wherein one of said parts comprises at least that part which causes or allows the incorporation of said coat protein into the phage coat; and

between one and six additional amino acid residues not present at the corresponding amino acid positions in a wild type coat protein of a bacteriophage, wherein one of said additional amino acid residues is a cysteine residue.

Claims 24-31 (Canceled).